

PATENT APPLICATION FEE DETERMINATION RECORD

Effect: October 1, 2001

SEARCH NUMBER

CLAIMS AS FILED - PART I

| | (Column 1) | (Column 2) |
|----------------------------------|------------------|--------------------------|
| TOTAL CLAIMS | | |
| FCN | IN. NUMBER FILED | IN. NUMBER ENTERED |
| TOTAL CHARGEABLE CLAIMS | minus 20 = | * |
| INDEPENDENT CLAIMS | minus 3 = | * |
| MULTIPLE DEPENDENT CLAIM PRESENT | | <input type="checkbox"/> |

* If the difference in column 1 is less than zero, enter "0" in column 2

| SMALL ENTITY TYPE | OTHER THAN SMALL ENTITY |
|-------------------|-------------------------|
| RATE | FEES |
| X\$ 9 = | 740.00 |
| X42 = | |
| +140 = | |
| TOTAL | OR TOTAL |

CLAIMS AS AMENDED - PART II

| SMALL ENTITY | OTHER THAN SMALL ENTITY |
|------------------|-------------------------|
| RATE | ADDITIONAL FEE |
| X\$ 9 = | |
| X42 = | |
| +140 = | |
| TOTAL ADDIT. FEE | OR TOTAL ADDIT. FEE |

| | (Column 1) | (Column 2) | (Column 3) |
|--|----------------------------------|------------------------------------|--------------------------|
| AMENDMENT | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | * 29 | Minus | ** 20 = |
| Independent | * 2 | Minus | *** 3 = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | <input type="checkbox"/> |

| | (Column 1) | (Column 2) | (Column 3) |
|--|----------------------------------|------------------------------------|--------------------------|
| AMENDMENT | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | * 28 | Minus | ** 28 = |
| Independent | * 2 | Minus | *** 2 = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | <input type="checkbox"/> |

| SMALL ENTITY | OTHER THAN SMALL ENTITY |
|------------------|-------------------------|
| RATE | ADDITIONAL FEE |
| X\$ 9 = | |
| X42 = | |
| +140 = | |
| TOTAL ADDIT. FEE | OR TOTAL ADDIT. FEE |

| | (Column 1) | (Column 2) | (Column 3) |
|--|----------------------------------|------------------------------------|--------------------------|
| AMENDMENT | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | * 28 | Minus | ** 28 = |
| Independent | * 2 | Minus | *** 2 = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | <input type="checkbox"/> |

| SMALL ENTITY | OTHER THAN SMALL ENTITY |
|------------------|-------------------------|
| RATE | ADDITIONAL FEE |
| X\$ 9 = | |
| X42 = | |
| +140 = | |
| TOTAL ADDIT. FEE | OR TOTAL ADDIT. FEE |

If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 If the "Highest Number Previously Paid For" in THIS SPACE is less than 20, enter "20."
 If the "Highest Number Previously Paid For" in THIS SPACE is less than 3, enter "3."
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2000

Application or Docket Number

033131-007

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

| | | |
|----------------------------------|--------------|--------------------------|
| TOTAL CLAIMS | 20 | |
| FOR | NUMBER FILED | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS | 20 minus 20= | * 0 |
| INDEPENDENT CLAIMS | 3 minus 3= | 0 |
| MULTIPLE DEPENDENT CLAIM PRESENT | | <input type="checkbox"/> |

SMALL ENTITY
TYPE

| | |
|-----------|--------|
| RATE | FEE |
| BASIC FEE | 355.00 |
| X\$ 9= | |
| X40= | |
| +135= | |
| TOTAL | 355.00 |

OTHER THAN
SMALL ENTITY
OR

| | |
|-----------|--------|
| RATE | FEE |
| BASIC FEE | 710.00 |
| X\$18= | |
| X80= | |
| +270= | |
| TOTAL | |

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|---|---------|---|------------------|
| | Total | * Minus | ** | = |
| Independent | * Minus | *** | = | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | <input type="checkbox"/> | |

SMALL ENTITY

| | |
|--------------------|------------------------|
| RATE | ADDI- TIONAL FEE |
| X\$ 9= | |
| X40= | |
| +135= | |
| TOTAL ADDT. FEE | |

OTHER THAN
SMALL ENTITY
OR

| | |
|--------------------|------------------------|
| RATE | ADDI- TIONAL FEE |
| X\$18= | |
| X80= | |
| +270= | |
| TOTAL ADDT. FEE | |

(Column 1) (Column 2) (Column 3)

| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|---|---------|---|------------------|
| | Total | * Minus | ** | = |
| Independent | * Minus | *** | = | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | <input type="checkbox"/> | |

RATE

| | |
|------------------------|--|
| ADDI- TIONAL FEE | |
| X\$ 9= | |
| X40= | |
| +135= | |
| TOTAL ADDT. FEE | |

RATE

| | |
|------------------------|--|
| ADDI- TIONAL FEE | |
| X\$18= | |
| X80= | |
| +270= | |
| TOTAL ADDT. FEE | |

(Column 1) (Column 2) (Column 3)

| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|---|---------|---|------------------|
| | Total | * Minus | ** | = |
| Independent | * Minus | *** | = | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | <input type="checkbox"/> | |

RATE

| | |
|------------------------|--|
| ADDI- TIONAL FEE | |
| X\$ 9= | |
| X40= | |
| +135= | |
| TOTAL ADDT. FEE | |

RATE

| | |
|------------------------|--|
| ADDI- TIONAL FEE | |
| X\$18= | |
| X80= | |
| +270= | |
| TOTAL ADDT. FEE | |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.